



Organization Applicant

Street :
City :
State :
Country :
PostalCode : ____-____
PhoneNumber : ____-____-____
FaxNumber : ____-____-____
EmailAddress : _____

<110> OrganizationName : Ron S. Israeli et al.

Application Project

<120> Title : PROSTATE-SPECIFIC MEMBRANE ANTIGEN
<130> AppFileReference : 1769/41426-A-PCT-US/JPW/SHS
<140> CurrentAppNumber :
<141> CurrentFilingDate : ____-____-____

Sequence

<213> OrganismName : human
<400> PreSequenceString :
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60
attggttcag tgcactctag aaacactgct gtggtggaga aactggaccc caggtctgga
120
gcgaattcca gcttgcaggg ctgataagcg aggcattagt gagattgaga gagactttac
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aagcaaattc aatcccagtg gaaagaattt ggcttgatt ctgttgagct agcacattat
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gatgtcctgt tgcctaccc aaataagact catcccaact acatctcaat aattaatgaa
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tctgcagtaa agaattttac agaaattgct tccaagttca gtgagagact ccaggacttt

2220
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 2280
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 2340
 ccaagcagcc acaacaagta tgcaggggag tcattcccag gaatttatga tgctctgttt
 2400
 gatattgaaa gcaaagtgga cccttccaag gcctggggag aagtgaagag acagatttat
 2460
 gttgcagcct tcacagtgcg ggcagctgca gagactttga gtgaagtagc ctaagaggat
 2520
 tcttttagaga atccgtattg aatttgtgtg gtatgtcact cagaaagaat cgtaatgggt
 2580
 atattgataa attttaaaat tggatatatt gaaataaagt tgaatattat atataaaaaa
 2640
 aaaaaaaaaa aaa
 2653

<212> Type : DNA

<211> Length : 2653

SequenceName : Seq. Id. No. 1

SequenceDescription :

Custom Codon

Sequence Name : Seq. Id. No. 1

Sequence

<213> OrganismName : human

<400> PreSequenceString :

MWNLLHETDS AVATARRPRW LCAGALVLAG GFFLLGFLFG WFIKSSNEAT NITPKHNMKA
 60
 FLDELKAENI KKFLYNFTQI PHLAGTEQNF QLAQIQSQW KEFGLDSVEL AHYDVLLSYP
 120
 NKTHPNYISI INEDGNEIFN TSLFEP PPPG YENVSDIVPP FSAFSPQGMP EGD LVYVNYA
 180
 RTEDFFKLER DMKINCSGKI VIARYGKVFR GNKVNAQLA GAKGVILYSD PADYFAPGVK
 240
 SYPDGWNLP GGVQRGNILN LNGAGDPLTP GYPANEYAYR RGIAEAVGLP SIPVHPIGYY
 300
 DAQKLLKMG GSAPPDSSWR GSLKVPYNGV PGFTGNFSTQ KVKMHIHSTN EVTRIYNVIG
 360
 TLRGAVEPDR YVILGGHRDS WVFGGIDPQS GAAVVHEIVR SFGTLKKEGW RPRRTILFAS
 420
 WDAEEFGLLG STEWAEENSR LLQERGVAYI NADSSIEGNY TLRVDCTPLM YSLVHNLTKE
 480
 LKSPDEGFEG KSLYESWTKK SPSPEFSGMP RISKLGSGND FEVFFQRLKI ASGRARYTKN
 540

WETNKFSGYP LYHSVYETYE LVEKFYDPMF KYHLTVAQVR GGMVFELANS IVLPFDCRDY
600
AVVLRKYADK IYSISMKHPQ EMKTYSVSFD SLFSVKNFT EIASKFSERL QDFDKSNPIV
660
LRMMNDQLMF LERAFIDPLG LPDRPFYRHV IYAPSSHNKY AGESFPGIYD ALFDIESKVD
720
PSKAWGEVKR QIYVAAFTVQ AAAETLSEVA
750

<212> Type : PRT
<211> Length : 750
SequenceName : seq. Id. No. 2
SequenceDescription :

Sequence

<213> OrganismName : human
<400> PreSequenceString :
SLYESWTK
8
<212> Type : PRT
<211> Length : 8
SequenceName : seq. Id. No 3
SequenceDescription :

Sequence

<213> OrganismName : human
<400> PreSequenceString :
SYPDGXXLPG GGVQR
15
<212> Type : PRT
<211> Length : 15
SequenceName : seq. Id. No. 4
SequenceDescription :

Feature

Sequence: seq. Id. No. 4:
<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 15
Other Information : x=unknown
CDSJoin : No

Sequence

<213> OrganismName : human
<400> PreSequenceString :

FYDPMFK

7

<212> Type : PRT

<211> Length : 7

SequenceName : seq. Id. No. 5

SequenceDescription :

Sequence

<213> OrganismName : human

<400> PreSequenceString :

IYNVIGTLK

9

<212> Type : PRT

<211> Length : 9

SequenceName : seq. Id. No. 6

SequenceDescription :

Sequence

<213> OrganismName : human

<400> PreSequenceString :

FLYXXTQIPH LAGTEQNFQL AK

22

<212> Type : PRT

<211> Length : 22

SequenceName : seq. Id. No 7

SequenceDescription :

Feature

Sequence: seq. Id. No 7:

<221> FeatureKey : misc

<222> LocationFrom : 1

<222> LocationTo : 22

Other Information : x=unknown

CDSJoin : No

Sequence

<213> OrganismName : human

<400> PreSequenceString :

GVILYSDPAD YFAPDVK

17

<212> Type : PRT

<211> Length : 17

SequenceName : seq. Id. No. 8

SequenceDescription :

Sequence

<213> OrganismName : human
<400> PreSequenceString :
PVILYSDPAD YFAPGVK
17
<212> Type : PRT
<211> Length : 17
SequenceName : seq. Id. No. 9
SequenceDescription :

Sequence

<213> OrganismName : human
<400> PreSequenceString :
AFIDPLGLPD RPFYR
15
<212> Type : PRT
<211> Length : 15
SequenceName : seq. Id. No. 10
SequenceDescription :

Sequence

<213> OrganismName : human
<400> PreSequenceString :
YAGESFPGIY DALFDIESK
19
<212> Type : PRT
<211> Length : 19
SequenceName : seq. Id. No. 11
SequenceDescription :

Sequence

<213> OrganismName : human
<400> PreSequenceString :
TILFASWDAE EFGXXGSTEE AE
22
<212> Type : PRT
<211> Length : 22
SequenceName : seq. Id. No. 12
SequenceDescription :

Feature

Sequence: seq. Id. No. 12:

```

<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 22
      Other Information : x=unknown
      CDSJoin : No

```

Sequence

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-----
<213> OrganismName : artificial;primer
<400> PreSequenceString :
ttsytagayc cnatgtt
      17
<212> Type : DNA
<211> Length : 17
      SequenceName : seq. Id. No. 13
      SequenceDescription :

```

Feature

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-----
Sequence: seq. Id. No. 13:
<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 16
      Other Information : n=unknown
      CDSJoin : No

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Custom Codon

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-----
Sequence Name : seq. Id. No. 13

```

Sequence

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-----
<213> OrganismName : artificial;primer
<400> PreSequenceString :
aacatnggrt crtaraa
      17
<212> Type : DNA
<211> Length : 17
      SequenceName : seq. Id. No. 14
      SequenceDescription :

```

Feature

```

-----
Sequence: seq. Id. No. 14:
<221> FeatureKey : misc
<222> LocationFrom : 1
<222> LocationTo : 16
      Other Information : n=unknown

```

CDSJoin : No

Custom Codon

Sequence Name : seq. Id. No. 14

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
athtayaayg tnathgg
17
<212> Type : DNA
<211> Length : 17
SequenceName : seq. Id. No. 15
SequenceDescription :

Feature

Sequence: seq. Id. No. 15:
<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 17
Other Information : n=unknown
CDSJoin : No

Custom Codon

Sequence Name : seq. Id. No. 15

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
ccdatnacrt trtadat
17
<212> Type : DNA
<211> Length : 17
SequenceName : seq. Id. No. 16
SequenceDescription :

Feature

Sequence: seq. Id. No. 16:
<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 17
Other Information : n=unknown

CDSJoin : No

Custom Codon

Sequence Name : seq. Id. No. 16

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
ccngcngayt ayttygc
17
<212> Type : DNA
<211> Length : 17
SequenceName : seq. Id. No. 17
SequenceDescription :

Feature

Sequence: seq. Id. No. 17:
<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 17
Other Information : n=unknown
CDSJoin : No

Custom Codon

Sequence Name : seq. Id. No. 17

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
gcraartart ncgcngg
17
<212> Type : DNA
<211> Length : 17
SequenceName : seq. Id. No. 18
SequenceDescription :

Feature

Sequence: seq. Id. No. 18:
<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 17
Other Information : n=unknown

CDSJoin : No

Custom Codon

Sequence Name : seq. Id. No. 18

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
acngarcara ayttycarct
20
<212> Type : DNA
<211> Length : 20
SequenceName : seq. Id. No. 19
SequenceDescription :

Feature

Sequence: seq. Id. No. 19:
<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 20
Other Information : n=unknown
CDSJoin : No

Custom Codon

Sequence Name : seq. Id. No. 19

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
agytgraart tytgytcngt
20
<212> Type : DNA
<211> Length : 20
SequenceName : seq. Id. No. 20
SequenceDescription :

Feature

Sequence: seq. Id. No. 20:
<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 20
Other Information : n=unknown

CDSJoin : No

Custom Codon

Sequence Name : seq. Id. No. 20

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
garcaraayt tycarct
17
<212> Type : DNA
<211> Length : 17
SequenceName : seq. Id. No. 21
SequenceDescription :

Custom Codon

Sequence Name : seq. Id. No. 21

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
agytgraart tytgytc
17
<212> Type : DNA
<211> Length : 17
SequenceName : seq. Id. No. 22
SequenceDescription :

Custom Codon

Sequence Name : seq. Id. No. 22

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
tgggaygcng argarttygg
20
<212> Type : DNA
<211> Length : 20
SequenceName : seq. Id. No. 23
SequenceDescription :

Feature

Sequence: seq. Id. No. 23:
<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 20
Other Information : n=unknown
CDSJoin : No

Custom Codon

Sequence Name : seq. Id. No. 23

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
ccraaytcyt cngcrtccca
20
<212> Type : DNA
<211> Length : 20
SequenceName : seq. Id. No. 24
SequenceDescription :

Feature

Sequence: seq. Id. No. 24:
<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 20
Other Information : n=unknown
CDSJoin : No

Custom Codon

Sequence Name : seq. Id. No. 24

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
tgggaygcng argartt
17
<212> Type : DNA
<211> Length : 17
SequenceName : seq. Id. No. 25
SequenceDescription :

Feature

Sequence: seq. Id. No. 25:

<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 17
Other Information : n=unknown
CDSJoin : No

Custom Codon

Sequence Name : seq. Id. No. 25

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
aaytcytcng crtccca
17
<212> Type : DNA
<211> Length : 17
SequenceName : seq. Id. No. 26
SequenceDescription :

Feature

Sequence: seq. Id. No. 26:

<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 17
Other Information : n=unknown
CDSJoin : No

Custom Codon

Sequence Name : seq. Id. No. 26

Sequence

<213> OrganismName : chicken
<400> PreSequenceString :
tacacttatc ccattcggac atgccacac tggaaactgga gacccttaca ccccaggctt
60
cccttcgttc aaccacaccc annngtttcc accagttgaa tcttcaggac taccccacat
120
tgctgttcag accatctcta gcagtcgagc agccaggctg ttcagcaaaa tggatggaga
180
cacatgctct ganagnngtt ggaaagggtgc gatccannnt tcctgtaagg tnngacnnaa
240

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caaagcagga gannnngcca gantaatggt gaaactagat gtgaacaatt ccatgaaaga
 300
caggaagatt ctgaacatct tcggtgctat ccagggattt gaagaacctg atcggtatgt
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tgtgattgga gcccagagag actcctgggg cccaggagtg gctaaagctg gcactggaac
 420
tgctatattg ttggaacttg cccgtgtgat ctcagacata gtgaaaaacg agggctacaa
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 660
tatatgctgc tggggagtat tatgaagggg gtgaagaatc cagcagcagt ctcagagagc
 720
nnnctctat aacagacttg gccagactg ggtaaaagca gttgttcctc ttggcctgga
 780

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<212> Type : DNA
<211> Length : 780
      SequenceName : seq. Id. No. 27
      SequenceDescription :

```

Feature

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Sequence: seq. Id. No. 27:
<221> FeatureKey : misc.
<222> LocationFrom : 1
<222> LocationTo : 780
      Other Information : n=unknown
      CDSJoin : No

```

Custom Codon

```

-----
Sequence Name : seq. Id. No. 27

```

Sequence

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-----
<213> OrganismName : rat
<400> PreSequenceString :
tgcagaaaag ctattcaaaa acatggaagg aaactgtcct cctagttgga atatagattc
 60
ctcatgtaag ctggaacttt cacagaatca aaatgtgaag ctactgtga acaatgtact
 120
gaaagaaaca agaatactta acatctttgg cgttattaaa ggctatgagg aaccagaccg
 180
ctacattgta gtaggagccc agagagacgc ttggggccct ggtngttgcg aagtccagtg

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240
 tgggaacagg tcttntctgtt gaaacttgcc caagtattct cagatatgat ttcaaaagat
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 ggatttagac ccagcaggag tattatcttt gccagctgga ctgcaggaga ctatggagct
 360
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 540
 nnnttgatgg aaaatatcta tatcgaaaca gtaattggat tagcaaaatt gaggaacttt
 600
 ccttggacaa tgctgcattc ccttttcttg catattcagg aatcccagca gtttctttct
 660

<212> Type : DNA
 <211> Length : 660
 SequenceName : seq. Id. No. 28
 SequenceDescription :

Feature

 Sequence: seq. Id. No. 28:
 <221> FeatureKey : misc.
 <222> LocationFrom : 1
 <222> LocationTo : 660
 Other Information : n=unknown
 CDSJoin : No

Custom Codon

 Sequence Name : seq. Id. No. 28

Sequence

 <213> OrganismName : human
 <400> PreSequenceString :
 tatggaaggagactgtccctctgactggaaaacagactctacatgtaggatggtaacctcagaaagc
 aagaatgtgaagctcactgtgagcaatgtgctgaaagagataaaaattcttaacatctttggagtta
 ttaaaggctttgtagaaccagatcactatgttgtagtggggcccagagagatgcatggggccctgg
 agctgcaaaatcncggtgtaggcacagctctcctattgaaacttgcccagatgttctcagatatggg
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 tcggttggtgccactgaatggctagagggatacctttcgtcncctgcatttaaggcctttcacttat
 attaatctggataaagcgggttcttggtaccagcaacttcaagggttctgccagcccactgttgata
 cgcttattgagaaaacaatgcaaaatgtgaagcatccggttactgggcaatttctatatcaggacag
 caac
 <212> Type : DNA

<211> Length : 540
 SequenceName : seq. Id. No. 29
 SequenceDescription :

Feature

 Sequence: seq. Id. No. 29:
 <221> FeatureKey : misc.
 <222> LocationFrom : 1
 <222> LocationTo : 540
 Other Information : n=unknown
 CDSJoin : No

Custom Codon

 Sequence Name : seq. Id. No. 29

Sequence

 <213> OrganismName : artificial
 <400> PreSequenceString :
 acggagcaaa actttcagct tgcaaag
 27
 <212> Type : DNA
 <211> Length : 27
 SequenceName : seq. Id. No.30
 SequenceDescription :

Custom Codon

 Sequence Name : seq. Id. No.30

Sequence

 <213> OrganismName : artificial;primer
 <400> PreSequenceString :
 TEQNFQLAK
 9
 <212> Type : PRT
 <211> Length : 9
 SequenceName : seq. Id. No.31
 SequenceDescription :

Sequence

 <213> OrganismName : artificial;primer
 <400> PreSequenceString :
 ctcttcggca tcccagcttg caaacaaaat tggttct

36

<212> Type : DNA
<211> Length : 36
SequenceName : seq. Id. No. 32
SequenceDescription :

Custom Codon

Sequence Name : seq. Id. No. 32

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
agaacaattt tgtttgcaag ctgggatgcc aaggag
36

<212> Type : DNA
<211> Length : 36
SequenceName : seq. Id. No. 33
SequenceDescription :

Custom Codon

Sequence Name : seq. Id. No. 33

Sequence

<213> OrganismName : artificial;primer
<400> PreSequenceString :
RTILFASWDA EE
12

<212> Type : PRT
<211> Length : 12
SequenceName : seq. Id. No. 34
SequenceDescription :

Sequence

<213> OrganismName : human
<400> PreSequenceString :
DELKAE
6

<212> Type : PRT
<211> Length : 6
SequenceName : seq. Id. No. 35
SequenceDescription :

Sequence

<213> OrganismName : human
<400> PreSequenceString :
NEDGNE
6
<212> Type : PRT
<211> Length : 6
SequenceName : seq. Id. No. 36
SequenceDescription :

Sequence

<213> OrganismName : human
<400> PreSequenceString :
KSPDEG
6
<212> Type : PRT
<211> Length : 6
SequenceName : seq. Id. No. 37
SequenceDescription :

Sequence

<213> OrganismName : human
<400> PreSequenceString :
AGALVLAGGF FLLGFLF
17
<212> Type : PRT
<211> Length : 17
SequenceName : seq. Id. No. 38
SequenceDescription :
